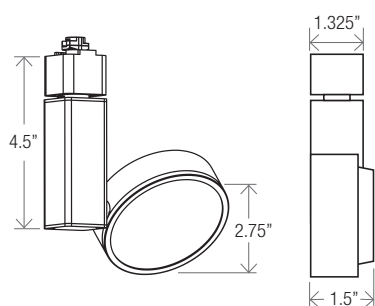
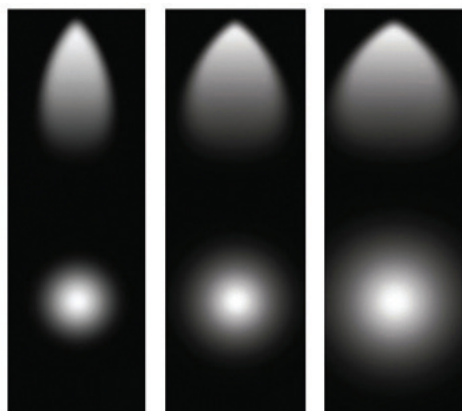




OPTICS



SP
Spot
15°

NFL
Narrow Flood
24°, 25°

FL
Flood
36°, 38°

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
800	784	11.3 W

Based on 3000K, 90+ CRI. Actual wattage may vary +/- 5%

FEATURES

A small profile LED track light that delivers optimal lumen output, with precise aiming for accent, task, or general illumination, integrating into any design. Track heads are adjustable up to 360 degrees horizontally, 180 degrees vertically, and are compatible with 1-circuit and 2-circuit track. With the use of a friction-based locking movement system, the head can be adjusted and re-adjusted to a precise position, delivering light where needed. Available in an array of color temperatures, it can accentuate the full spectrum of cool to warm tones, and is the perfect complement for retail merchandising, galleries, museums, supermarkets, hospitality, and commercial.

LUMENS	800
CCT	30K
CRI	90+
COLOR QUALITY	2 Step MacAdam Ellipse
DISTRIBUTION	SP (Spot), NFL (Narrow Flood), FL (Flood)
AIMING	360 degrees horizontally, 180 degrees vertically
FINISH	AWH (Architectural White) ABK (Architectural Black) Custom RAL
DIMMING	Flicker Free 10% Dimming TRIAC forward-phase or leading-edge 120V.
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



OPTICS

A polycarbonate optical refractor allows for precise beam control and even distribution, with a variety of lumen options.

CONSTRUCTION

All track heads are designed using a proprietary coolLED Advanced Thermodynamic Design. The track head body is constructed of extruded aluminum, with a die-cast custom designed concealed heat sink, providing a thermal management system that is engineered for extremely long life and service period.

FINISH

Post-painted available in white, black and custom RAL colors.

ACCESSORIES

Track heads may accommodate 1 to 3 accessories. Please consult factory for standard or custom options.

TRACK COMPATIBILITY

Track heads are standard, with the compatibility for use with Mono-point, 1-Circuit, and 2-Circuit type H track. Please consult factory for 2-Circuit, 2-Neutral 120V Track.

DIMMING AND DRIVER INFORMATION

DIMTR – Electronic constant current LED driver compatible with TRIAC forward-phase or leading-edge dimming. Available in 120V. Dimmable down to 1%, standard. The LED driver is rated for 50 to 60Hz at 120V input, produces less than 20%THD, and has a power factor between 90% and 100%, and is thermally protected for additional safety.

WARRANTY

Five-year warranty for parts and components. (Labor not included)

Example: **ET-LED-309-800L-DIMTR-120-30K-90-FL-AWH**

SERIES	LUMENS	DIMMING	CCT/CRI	OPTICS	COLOR
ET-LED-309	 800L - 800 lumens	 DIMTR-120	 30K-90	 SP - Spot 12°  NFL - Narrow Flood 24°-25°  FL - Flood 36°-38°	 AWH - Architectural White  ABK - Architectural Black

ET-LED-309-800L-DIMTR-120-30K-90-FL-AWH

INPUT WATTS: **11.3**

LUMENS: **784**

CRI: **90**

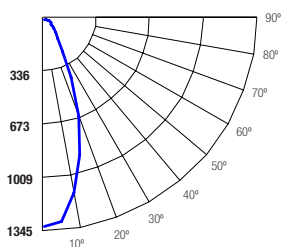
EFFICACY: **69**

CCT: **3000K**

TEST NO.: **EL0818109**

SPACING CRITERIA: **0.62**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	340.01	43.80	43.40
0-30	510.53	65.80	65.10
0-40	606.10	78.20	77.30
0-60	721.74	93.10	92.00
0-80	778.24	100.40	99.20
0-90	784.32	101.20	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	57863	57441	59793
55	46413	46133	42126
65	43732	40840	37914
75	41205	36666	34927
85	761	37617	36802

Lumens Per Zone

Zone	Lumens
0-10	113.49
10-20	226.52
20-30	170.52
30-40	95.57
40-50	67.20
50-60	48.45
60-70	35.63
70-80	20.87
80-90	6.08

Candela Tabulation

0	1345.09
0	5
5	15
15	25
25	35
35	45
45	55
55	65
65	75
75	85
85	90
90	0.13

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	50%	30%	10%
0	120	120	120	120	118	118	118	118	112	112	112	108	108	108	103	103	103	101	101	101	101	99	99	99
1	114	110	107	104	111	108	105	103	104	102	100	100	98	97	96	95	94	92	92	92	92	90	88	85
2	107	101	96	92	105	99	95	91	96	92	89	89	87	85	84	83	81	78	77	77	77	75	73	71
3	101	93	88	83	99	92	87	82	89	85	81	81	77	73	79	76	73	71	71	71	68	66	63	62
4	95	87	80	76	93	86	80	75	83	78	74	74	72	67	71	67	63	59	58	58	58	56	53	52
5	90	81	75	70	89	80	74	69	78	73	69	69	66	61	65	61	57	55	55	55	55	53	50	49
6	86	76	69	65	84	75	69	65	74	68	64	64	62	57	61	57	53	51	51	51	51	49	46	45
7	82	72	65	61	80	71	65	60	70	64	60	60	58	53	57	53	49	47	47	47	47	45	42	41
8	78	68	61	57	77	67	61	57	66	61	57	57	55	50	54	50	46	44	44	44	44	42	39	38
9	74	64	58	54	73	64	58	54	63	57	54	54	52	47	51	47	43	41	41	41	41	39	36	35
10	71	61	55	51	70	61	55	51	60	54	51	51	49	44	48	44	40	38	38	38	38	36	33	32

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance